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Titolo	Reasoning in measurement // edited by Nicola MOSSNER and Alfred Nordmann
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Descrizione fisica	1 online resource (275 pages) : illustrations
Collana	History and Philosophy of Technoscience ; ; 9
Altri autori (Persone)	MA?ssnerNicola NordmannAlfred <1956->
Disciplina	530.801
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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	pt. I. Founding figures -- part II. Images as measurements -- part III. Measuring the immeasurable -- part IV. Calibrating mind and world.
Sommario/riassunto	This collection offers a new understanding of the epistemology of measurement. The interdisciplinary volume explores how measurements are produced, for example, in astronomy and seismology, in studies of human sexuality and ecology, in brain imaging and intelligence testing. It considers photography as a measurement technology and Henry David Thoreau's poetic measures as closing the gap between mind and world. By focusing on measurements as the hard-won results of conceptual as well as technical operations, the authors of the book no longer presuppose that measurement is always and exclusively a means of representing some feature of a target object or entity. Measurement also provides knowledge about the degree to which things have been standardized or harmonized - it is an indicator of how closely human practices are attuned to each other and the world.